

# Comparisons of Job Characteristics

**Focus Occupation:** [Wellhead Pumpers \(53-7073\)](#)

**Associated Occupation:** [Petroleum Pump System Operators, Refinery Operators, and Gaugers \(51-8093\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 89

**Focus Occupation:** Wellhead Pumpers (53-7073)

**Associated Occupation:** Petroleum Pump System Operators, Refinery Operators, and Gaugers (51-8093)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Mechanical	6.8	13.1	15.0	> Current knowledge level is likely sufficient
Public Safety and Security	6.9	9.2	9.0	0 Current knowledge level may be sufficient
Chemistry	4.8	6.5	7.4	> Current knowledge level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 77

**Focus Occupation:** Wellhead Pumpers (53-7073)

**Associated Occupation:** Petroleum Pump System Operators, Refinery Operators, and Gaugers (51-8093)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation Monitoring	6.6	15.9	13.7	< A higher skill level may be required
Monitoring	9.9	12.2	9.3	<< Extensive development of skills in this area may be required
Operation and Control	5.4	11.6	12.2	0 Current skill level may be sufficient
Quality Control Analysis	5.9	11.0	5.8	<< Extensive development of skills in this area may be required
Troubleshooting	4.5	8.2	7.5	0 Current skill level may be sufficient
Equipment Maintenance	3.5	7.9	9.7	> Skill level is likely sufficient
Repairing	3.4	7.1	10.6	>> Skill level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Abilities

Similarity of Focus Occupation to Associated Occupation: 62

Focus Occupation: Wellhead Pumpers (53-7073)

Associated Occupation: Petroleum Pump System Operators, Refinery Operators, and Gaugers (51-8093)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Perceptual Speed	7.4	13.2	8.6	<<	Extensive improvement in abilities may be required
Auditory Attention	5.9	11.8	6.6	<<	Extensive improvement in abilities may be required
Selective Attention	8.7	11.8	8.3	<<	Extensive improvement in abilities may be required
Flexibility of Closure	7.8	11.4	4.7	<<	Extensive improvement in abilities may be required
Reaction Time	4.8	11.0	10.5	0	Current ability level may be sufficient
Hearing Sensitivity	5.6	9.8	4.7	<<	Extensive improvement in abilities may be required
Speed of Closure	5.9	8.8	3.2	<<	Extensive improvement in abilities may be required
Gross Body Equilibrium	3.2	7.2	8.1	>	Current ability level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 97

Focus Occupation: Wellhead Pumpers (53-7073)

Associated Occupation: Petroleum Pump System Operators, Refinery Operators, and Gaugers (51-8093)

Work Activities	Exclusivity of Activity
Control operation of compressors	76
Maintain production or work records	19
Operate gas, petroleum, or power distribution equipment	85
Operate petroleum pumping equipment	92
Operate power driven pumps	66
Use two-way radio or mobile phone	42

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: n/a

Focus Occupation: Wellhead Pumpers (53-7073)

Associated Occupation: Petroleum Pump System Operators, Refinery Operators, and Gaugers (51-8093)

Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.